

Ultrasound-Guided Regional Anesthesia Course

January 31–February 1, 2026 | Chapel Hill, NC

Pre-course Video eLearning

maximum value 6.75 credits

1.	Basic Ultrasound and Needling Approaches
2.	Ultrasound Physics, Artifacts, Pitfalls, and Complications
3.	Update on Ultrasound Nerve Blocks and Anatomy of the Upper Extremity
4.	Beyond the On Switch: Optimizing Ultrasound for Vascular Access and Regional Anesthesia
5.	Local Anesthetic Systemic Toxicity
6.	Upper Extremity Blocks
7.	Thoracic Wall Blocks
8.	Abdominal Wall Blocks
9.	Lower Extremity Blocks
10.	Ultrasound-Guided Nerve Blocks and Anatomy of the Lower Extremity
11.	Abdominal Truncal Blocks Sonoanatomy and Techniques
12.	Chest Wall Blocks Sonoanatomy and Techniques

Registration includes 6.75 hours of eLearning video instruction.

Saturday, January 31, 2025

7:00 am	Registration and breakfast	
7:15 am	Welcome introduction and orientation	All Faculty
7:30 am	Workshop: Upper Limb Scanning on Live Models	

Group Assignments

Learners are divided into **Groups 1–12**, rotating through live scanning on models and cadaver needling. Each block will be covered at each station so learners are exposed to a variety of faculty.

Groups 1–6 – Hands-On Live Model Scanning (sonoanatomy) – 40 minutes per station

- Station 1 – Group 1: **Gadsden**
- Station 2 – Group 2: **Gray**
- Station 3 – Group 3: **Bullock**
- Station 4 – Group 4: **Kumar**
- Station 5 – Group 5: **Tran**
- Station 6 – Group 6: **Krakowski**

Groups 7–12 – Needling/Anatomy/Clinical Scenarios – 40 minutes per station

- Cadaver Upper Limb Needling: Groups 7 & 8 – **Dobson, Dhanjal, Rojas**

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- Anatomy Demonstration: Groups 9 & 10 – **Dillane, Creighton**
- Clinical Scenario 1: Groups 11 & 12 – **Grant**

Blocks Covered:

1. Interscalene
2. Supraclavicular
3. Infraclavicular
4. Axillary
5. Distal terminal nerves at elbow and forearm
6. Consolidate/review

9:30 Break

9:45 am **Workshop: Upper Limb Scanning and Needling Upper Limb on Cadavers – Groups Swap**

Groups 7–12 – Hands-On Live Model Scanning – 40 minutes per station

- Station 1 – Group 7: **Gadsden**
- Station 2 – Group 8: **Gray**
- Station 3 – Group 9: **Bullock**
- Station 4 – Group 10: **Kumar**
- Station 5 – Group 11: **Tran**
- Station 6 – Group 12: **Krakowski**

Groups 1–6 – Needling/Anatomy/Clinical Scenarios – 40 minutes per station

- Cadaver Upper Limb Needling: Groups 1 & 2 – **Dobson, Dhanjal, Rojas**
- Anatomy Demonstration: Groups 3 & 4 – **Dillane, Creighton**
- Clinical Scenario 1: Groups 5 & 6 – **Grant**

Blocks Covered: Same as morning session

11:45 am Lunch with faculty and Gastric Ultrasound Scanning Demo.

12:45 pm **Workshop: Lower Limb Scanning on Live Models**

Group Assignments

Groups 1–6 – Hands-On Live Model Scanning – 40 minutes per station

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- Station 1 – Group 1: **Dillane**
- Station 2 – Group 2: **Creighton**
- Station 3 – Group 3: **Bullock**
- Station 4 – Group 4: **Kumar**
- Station 5 – Group 5: **Dobson**
- Station 6 – Group 6: **Dhanjal**

Groups 7–12 – Needling/Anatomy/Clinical Scenarios – 40 minutes per station

- Cadaver Lower Limb Needling: Groups 7 & 8 – **Krakowski, Tran**
- Anatomy Demonstration: Groups 9 & 10 – **Gadsden, Gray**
- Clinical Scenario 2: Groups 11 & 12 – **Nanda, Rojas, Grant**

Blocks Covered:

- Fascia Iliaca / Supra Inguinal Fascia Iliaca / Femoral / PENG / Lateral Femoral Cutaneous
- Subsartorial / Adductor Canal / Distal Femoral / Saphenous
- Anterior Sciatic / Obturator
- Ankle
- Popliteal / iPACK
- Consolidate/review

2:45 pm Break

3:00 pm Workshop: Needling Lower Limb on Cadavers – Groups Swap

Groups 7–12 – Hands-On Live Model Scanning – 40 minutes per station

- Station 1 – Group 7: **Dillane**
- Station 2 – Group 8: **Creighton**
- Station 3 – Group 9: **Bullock**
- Station 4 – Group 10: **Kumar**
- Station 5 – Group 11: **Dobson**
- Station 6 – Group 12: **Dhanjal**

Groups 1–6 – Needling/Anatomy/Clinical Scenarios – 40 minutes per station

- Cadaver Lower Limb Needling: Groups 1 & 2 – **Krakowski, Tran**
- Anatomy Demonstration: Groups 3 & 4 – **Gadsden, Gray**
- Clinical Scenario 2: Groups 5 & 6 – **Nanda, Rojas, Grant**

5:00 pm Day 1 Adjournment

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Sunday, February 1, 2025

7:00 am Breakfast

7:30 am **Workshop: Chest and Trunk Scanning on Live Models**

Group Assignments

Groups 1–6 – Hands-On Live Model Scanning – 40 minutes per station

- Station 1 – Group 1: **Krakowski**
- Station 2 – Group 2: **Creighton**
- Station 3 – Group 3: **Grant**
- Station 4 – Group 4: **Rojas**
- Station 5 – Group 5: **Gadsden**
- Station 6 – Group 6: **Dhanjal**

Groups 7–12 – Needling/Anatomy/Clinical Scenarios – 40 minutes per station

- Cadaver Needling: Groups 7 & 8 **Bullock, Kumar**
- Anatomy Demonstration: Groups 9 & 10 **Nanda, Dobson, Gray**
- Clinical Scenario 3: Groups 11 & 12 **Dillane**

Blocks Covered:

- TAP / Lateral Quadratus Lumborum / Posterior Quadratus Lumborum
- Rectus Sheath / Iliohypogastric-Ilioinguinal
- Epidural and Spinal
- PVB, Erector Spinae Plane, ITP blocks
- PECS / Serratus Anterior
- Consolidate/review

9:30 am Break

9:45 am **Workshop: Scanning and Needling Chest and Trunk Blocks on Cadavers – Groups Swap**

Groups 7–12 – Hands-On Live Model Scanning – 40 minutes per station

- Station 1 – Group 7: **Dillane**
- Station 2 – Group 8: **Creighton**

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- Station 3 – Group 9: **Bullock**
- Station 4 – Group 10: **Kumar**
- Station 5 – Group 11: **Dobson**
- Station 6 – Group 12: **Dhanjal**

Groups 1–6 – Needling/Anatomy/Clinical Scenarios – 40 minutes per station

- Cadaver Needling: Groups 1 & 2: **Bullock, Kumar**
- Anatomy Demonstration: Groups 3 & 4: **Nanda, Dobson, Gray**
- Clinical Scenario 3: Groups 5 & 6: **Dillane**

11:45 pm Lunch with faculty and course review including interactive live scanning demo.

1:00 pm Adjournment